

Imports System.Drawing.Imaging

Imports System.Net.Security

Imports System.Text

Imports Ingres.Client

Public Class Form1

 Private Sub btnlogin\_Click(sender As Object, e As EventArgs) Handles btnlogin.Click

 If txtuname.Text = "admin" And txtpword.Text = "1234" Then

 Me.Hide()

 Form2.Show()

 ElseIf txtuname.Text = "" And txtpword.Text = "" Then

 MsgBox("Please Enter: UserID & Password")

 Else

 MsgBox("Wrong: 'Username & Password'")

 End If

 End Sub

 Private Sub btnreset\_Click(sender As Object, e As EventArgs) Handles btnreset.Click

 txtuname.Text = ""

 txtpword.Text = ""

 Me.btnreset.Enabled = False

 End Sub

 Private Sub btnexit\_Click(sender As Object, e As EventArgs) Handles btnexit.Click

 Close()

 End Sub

End Class



Public Class Form2

 Private Sub btnmenu\_Click(sender As Object, e As EventArgs) Handles btnmenu.Click

 Form3.Show()

 End Sub

 Private Sub btnorder\_Click(sender As Object, e As EventArgs) Handles btnorder.Click

 Form4.Show()

 End Sub

 Private Sub btnfinance\_Click(sender As Object, e As EventArgs) Handles btnfinance.Click

 Form5.Show()

 End Sub

 Private Sub btnlogout\_Click(sender As Object, e As EventArgs) Handles btnlogout.Click

 Form1.Show()

 Me.Close()

 End Sub

 Private Sub btncalculator\_Click(sender As Object, e As EventArgs) Handles btncalculator.Click

 Form6.Show()

 End Sub

 Private Sub RadMenuItem1\_Click(sender As Object, e As EventArgs)

 End Sub

End Class



'imports library "add to reference"

Imports Ingres.Client

Public Class Form3

 Dim i As Integer = 0

 'Ingress connection

 Public IngresConnect As New IngresConnection("host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;")

 'Form connection to DB

 Private Sub Form3\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

 IngConn1 = "host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;"

 Call SelectionId()

 i = i + 1

 txtitemid.Text = CStr(i)

 End Sub

#Region "ADD button of menu"

 Private Sub btnadd\_Click(sender As Object, e As EventArgs) Handles btnadd.Click

 Try

 Dim Table As New DataTable

 Dim dt As New DataTable

 Dim Results As String = "False | Error on saving"

 With Table

 .Columns.Add("itemid").AutoIncrement = True

 .Columns("itemid").AutoIncrementSeed = 1

 .Columns.Add("itemname")

 .Columns.Add("itemprice")

 End With

 Table.Rows.Clear()

 Table.Rows.Add(txtitemid.Text.ToString.Trim,

 txtitemname.Text.ToString.Trim,

 txtitemprice.Text.ToString.Trim)

 'dtpdob.Value,

 Results = CStr(SavingRecords(Table))

 Dim Output As Boolean = False

 Dim ErrMessage As String = ""

 Output = CBool(Split(Results, "|")(0).ToString())

 ErrMessage = Split(Results, "|")(1).ToString()

 MsgBox(ErrMessage)

 Call SelectionId()

 Catch ex As Exception

 End Try

 End Sub

#End Region

 'For selection of row in the Datagridview

#Region "DataGridView"

 Private Sub DataGridView1\_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles DataGridView1.CellContentClick

 Try

 Dim table As New DataTable

 Dim x As Integer = DataGridView1.CurrentCell.RowIndex

 txtitemid.Text = DataGridView1.Rows(x).Cells(0).Value.ToString.Trim

 txtitemname.Text = DataGridView1.Rows(x).Cells(1).Value.ToString.Trim

 txtitemprice.Text = DataGridView1.Rows(x).Cells(2).Value.ToString.Trim

 'dtpdob.Text = DataGridView1.Rows(x).Cells(4).Value

 DataGridView1.DataSource = table

 Catch ex As Exception

 MsgBox(ex.Message)

 End Try

 End Sub

#End Region

 Private Sub btnexit\_Click(sender As Object, e As EventArgs) Handles btnexit.Click

 Me.Close()

 End Sub

 Private Sub btnback\_Click(sender As Object, e As EventArgs) Handles btnback.Click

 Form2.Show()

 End Sub

 Private Sub btnclear\_Click(sender As Object, e As EventArgs) Handles btnclear.Click

 txtitemid.Clear()

 txtitemname.Clear()

 txtitemprice.Clear()

 End Sub

 'Create Private Sub to call function

 'Declare 3 object Table, dta\_record, query to call Db

#Region "MenuDisplay"

 Private Sub MenuDisplay()

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "SELECT MAX(itemid) + 1 as itemid FROM Menu"

 '"SELECT MAX(itemid) + 1 as itemid FROM Menu"

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 'txtitemid.Text = cmd.ExecuteScalar().ToString()

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Catch ex As Exception

 End Try

 End Sub

#End Region

#Region "OpenFSconn & CloseFSconn"

 Public Function OpenFSConn() As Boolean

 Dim Table As New DataTable

 Dim IsOpen As Boolean = False

 If IngresConnect.State = ConnectionState.Open Then Return True

 Try

 IngresConnect.Open()

 Catch ex As Exception

 End Try

 If IngresConnect.State = ConnectionState.Open Then

 Dim cm As New IngresCommand("set lockmode session where readlock=nolock", IngresConnect)

 cm.ExecuteNonQuery()

 IsOpen = True

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Return IsOpen

 End Function

 Public Sub CloseFSConn()

 If IngresConnect.State = ConnectionState.Open Then IngresConnect.Close()

 End Sub

#End Region

 'Call Function of Menu Display

#Region "ViewDisplay"

 Private Sub btnupdate\_Click(sender As Object, e As EventArgs) Handles btnupdate.Click

 'Dim table As DataTable

 'Dim itemid As Integer = 0

 'Dim newitemid As Integer = 0

 'table = Selectinfo("sp\_menu\_sel", {})

 'table.AcceptChanges()

 Call SelectionId()

 End Sub

#End Region

 'For Delete Function

#Region "Delete"

 Private Sub btndelete\_Click(sender As Object, e As EventArgs) Handles btndelete.Click

 Dim Table As DataTable

 Try

 Dim x As Integer = DataGridView1.CurrentCell.RowIndex

 Dim itemid As String = DataGridView1.Rows(x).Cells(0).Value.ToString.Trim

 Table = IngDataTablemenu("sp\_menu\_del",

 {"int|" & itemid})

 MsgBox("Successfully Deleted")

 Catch ex As Exception

 MsgBox(ex.Message)

 End Try

 End Sub

 'For Search function the itemname see the query

#End Region

#Region "Search"

 Private Sub btnsearch\_Click(sender As Object, e As EventArgs) Handles btnsearch.Click

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "Select \* FROM Menu WHERE itemname Like '%" + txtsearch.Text + "%'"

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Catch ex As Exception

 End Try

 End Sub

#End Region

#Region "Selection"

 Private Sub SelectionId()

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "Select MAX(itemid) + 1 As itemid FROM Menu"

 'DataGridView1.Rows(i).Cells(0).Value.ToString.Trim = txtitemid.Text

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Catch ex As Exception

 End Try

 End Sub

#End Region

End Class



Imports System.Net.Mime.MediaTypeNames

Imports System.Windows.Forms.VisualStyles.VisualStyleElement

Imports Ingres.Client

Public Class Form4

 Public IngresConnect As New IngresConnection("host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;")

 Private Sub Form4\_Load(sender As Object, e As EventArgs) Handles MyBase.Load

 IngConn1 = "host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;"

 Call orderview()

 End Sub

 'creation of function to call the menu records in Datagridview1

#Region "orderview"

 Private Sub orderview()

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "SELECT \* FROM Menu"

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Catch ex As Exception

 MsgBox(ex.Message)

 End Try

 End Sub

#End Region

#Region "Open & Close FSConn"

 Public Function OpenFSConn() As Boolean

 Dim Table As New DataTable

 Dim IsOpen As Boolean = False

 If IngresConnect.State = ConnectionState.Open Then Return True

 Try

 IngresConnect.Open()

 Catch ex As Exception

 End Try

 If IngresConnect.State = ConnectionState.Open Then

 Dim cm As New IngresCommand("set lockmode session where readlock=nolock", IngresConnect)

 cm.ExecuteNonQuery()

 IsOpen = True

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Return IsOpen

 End Function

 Public Sub CloseFSConn()

 If IngresConnect.State = ConnectionState.Open Then IngresConnect.Close()

 End Sub

#End Region

#Region "Back & Exit"

 Private Sub btnback\_Click(sender As Object, e As EventArgs) Handles btnback.Click

 Form2.Show()

 Me.Close()

 End Sub

 Private Sub btnexit\_Click(sender As Object, e As EventArgs) Handles btnexit.Click

 Me.Close()

 End Sub

#End Region

 'computation of quantity

#Region "Quantity compute"

 Private Sub txtquantity\_TextChanged(sender As Object, e As EventArgs) Handles txtquantity.TextChanged

 If Not IsNumeric(txtquantity.Text) Then

 txtquantity.Clear()

 End If

 txttotal.Text = Val(txtitemprice.Text) \* Val(txtquantity.Text)

 txtoriginalprice.Text = Val(txtitemprice.Text) \* Val(txtquantity.Text)

 End Sub

#End Region

#Region "Search"

 Private Sub btnsearch2\_Click(sender As Object, e As EventArgs) Handles btnsearch2.Click

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "Select \* FROM Menu WHERE itemname Like '%" + txtsearch2.Text + "%'"

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 End If

 DataGridView1.DataSource = Table

 DataGridView1.Refresh()

 Catch ex As Exception

 End Try

 End Sub

#End Region

 Private Sub btnremove\_Click(sender As Object, e As EventArgs) Handles btnremove.Click

 Dim Table As DataTable

 Try

 Dim x As Integer = DataGridView2.CurrentCell.RowIndex

 Dim salesinvoice As String = DataGridView2.Rows(x).Cells(0).Value.ToString.Trim

 Table = IngDataTableorderdel("sp\_order\_del",

 {"int|" & salesinvoice})

 MsgBox("Successfully Deleted")

 Catch ex As Exception

 MsgBox(ex.Message)

 End Try

 End Sub

 Private Sub DataGridView1\_CellContentClick\_1(sender As Object, e As DataGridViewCellEventArgs) Handles DataGridView1.CellContentClick

 Try

 Dim table As New DataTable

 Dim x As Integer = DataGridView1.CurrentCell.RowIndex

 txtSINo.Text = DataGridView1.Rows(x).Cells(0).Value.ToString.Trim

 txtitemname.Text = DataGridView1.Rows(x).Cells(1).Value.ToString.Trim

 txtitemprice.Text = DataGridView1.Rows(x).Cells(2).Value.ToString.Trim

 DataGridView1.DataSource = table

 Catch ex As Exception

 MsgBox(ex.Message)

 End Try

 End Sub

 Private Sub btndatabase\_Click(sender As Object, e As EventArgs) Handles btnSubmit.Click

 Try

 Dim Table As New DataTable

 Dim Results As String = "False | Error on saving"

 With Table

 .Columns.Add("salesinvoice")

 .Columns.Add("itemname")

 .Columns.Add("itemprice")

 .Columns.Add("quantity")

 .Columns.Add("originalprice")

 .Columns.Add("discounted")

 .Columns.Add("total")

 .Columns.Add("datetime")

 End With

 Table.Rows.Clear()

 Table.Rows.Add(txtSINo.Text.ToString.Trim,

 txtitemname.Text.ToString.Trim,

 txtitemprice.Text.ToString.Trim,

 txtquantity.Text.ToString.Trim,

 txtoriginalprice.Text.ToString.Trim,

 txtdiscounted.Text.ToString.Trim,

 txttotal.Text.ToString.Trim,

 dtpdatetime.Value)

 Results = CStr(SavingRecords2(Table))

 Dim Output As Boolean = False

 Dim ErrMessage As String = ""

 Output = CBool(Split(Results, "|")(0).ToString())

 ErrMessage = Split(Results, "|")(1).ToString()

 MsgBox(ErrMessage)

 Call order()

 Catch ex As Exception

 End Try

 End Sub

 Private Sub order()

 Try

 Dim Table As New DataTable

 Dim dta\_record As New DataTable

 Dim query As String = "SELECT \* FROM order"

 If OpenFSConn() Then

 Dim cmd As New IngresCommand

 cmd.Connection = IngresConnect

 cmd.CommandText = query

 cmd.CommandType = CommandType.Text

 cmd.Parameters.Clear()

 Dim dta As New IngresDataAdapter(cmd)

 dta.Fill(Table)

 dta\_record = Table

 dta.Dispose()

 CloseFSConn()

 End If

 DataGridView2.DataSource = Table

 DataGridView2.Refresh()

 Catch ex As Exception

 End Try

 End Sub

 Private Sub btnview\_Click(sender As Object, e As EventArgs) Handles btnview.Click

 Call orderview()

 End Sub

 Private Sub btnclear\_Click(sender As Object, e As EventArgs) Handles btnclear.Click

 txtSINo.Clear()

 txtitemname.Clear()

 txtitemprice.Clear()

 txtquantity.Clear()

 txtoriginalprice.Clear()

 txtdiscounted.Clear()

 txttotal.Clear()

 End Sub

 Private Sub btnregular\_Click(sender As Object, e As EventArgs) Handles btnregular.Click

 txttotal.Text = (Val(txtitemprice.Text) \* Val(txtquantity.Text)) \* (1 - 0.2)

 txtdiscounted.Text = (Val(txtitemprice.Text) \* Val(txtquantity.Text)) \* (0.2)

 End Sub

 Private Sub btnsenior\_Click(sender As Object, e As EventArgs) Handles btnsenior.Click

 txttotal.Text = (Val(txtitemprice.Text) \* Val(txtquantity.Text)) \* (1 - 0.15)

 txtdiscounted.Text = (Val(txtitemprice.Text) \* Val(txtquantity.Text)) \* (0.15)

 End Sub

 'Private Sub btnemployee\_Click(sender As Object, e As EventArgs)

 ' txttotal.Text = (Val(txtitemprice.Text) \* Val(txtquantity.Text))

 ' txtdiscounted.Text = 0

 'End Sub

 Private Sub DataGridView2\_CellContentClick(sender As Object, e As DataGridViewCellEventArgs) Handles DataGridView2.CellContentClick

 Try

 Dim x As Integer = DataGridView2.CurrentCell.RowIndex

 txtSINo.Text = DataGridView2.Rows(x).Cells(0).Value.ToString().Trim

 txtitemname.Text = DataGridView2.Rows(x).Cells(1).Value.ToString().Trim

 txtitemprice.Text = DataGridView2.Rows(x).Cells(2).Value.ToString().Trim

 txtquantity.Text = DataGridView2.Rows(x).Cells(4).Value.ToString().Trim

 txtoriginalprice.Text = DataGridView2.Rows(x).Cells(5).Value.ToString().Trim

 txtdiscounted.Text = DataGridView2.Rows(x).Cells(6).Value.ToString().Trim

 txttotal.Text = DataGridView2.Rows(x).Cells(7).Value.ToString().Trim

 dtpdatetime.Text = DataGridView2.Rows(x).Cells(8).Value

 Catch ex As Exception

 End Try

 End Sub

 Private Sub Label1\_Click(sender As Object, e As EventArgs) Handles Label1.Click

 End Sub

 Private Sub txtoriginalprice\_TextChanged(sender As Object, e As EventArgs) Handles txtoriginalprice.TextChanged

 End Sub

End Class



**Imports Ingres.Client**

**Imports System.Data**

**Imports System.Data.SqlClient**

**Imports System.IO**

**Imports System.Net.Security**

**Imports System.Timers**

**Imports System.Windows.Forms.VisualStyles**

**Imports NPOI.XSSF.UserModel**

**Imports Christian\_Auditing\_System.Form5**

**Imports System.ComponentModel**

**Imports NPOI.SS.Formula.Functions**

**Imports Telerik.WinControls.Export**

**Imports System.Reflection**

**Imports iTextSharp.text**

**Imports iTextSharp.text.pdf**

**Public Class Form5**

 **Public IngresConnect As New IngresConnection("host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;")**

 **Private Sub Form4\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

 **IngConn1 = "host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;"**

 **Call Financeorder()**

 **End Sub**

 **Public Sub New()**

 **InitializeComponent()**

 **Me.BindDataGridView()**

 **End Sub**

 **Private Sub BindDataGridView()**

 **Dim dt As New DataTable()**

 **dt.Columns.AddRange(New DataColumn() {New DataColumn("salesinvoice", GetType(Integer)),**

 **New DataColumn("itemname", GetType(String)),**

 **New DataColumn("itemprice", GetType(String)),**

 **New DataColumn("quantity", GetType(String)),**

 **New DataColumn("originalprice", GetType(String)),**

 **New DataColumn("discounted", GetType(String)),**

 **New DataColumn("total", GetType(String))})**

 **Me.DataGridView1.DataSource = dt**

 **End Sub**

 **Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles btnsearch.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "Select \* FROM order WHERE itemname Like '%" + txtsearch.Text + "%'"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresConnect**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **DataGridView1.DataSource = Table**

 **DataGridView1.Refresh()**

 **Catch ex As Exception**

 **End Try**

 **End Sub**

 **Private Sub Financeorder()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT \* FROM Order"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresConnect**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **DataGridView1.DataSource = Table**

 **DataGridView1.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **''configuration for save file dialog**

 **'SaveFileDialog1.FileName = ""**

 **'SaveFileDialog1.Filter = "PDF (\*.pdf)|\*.pdf"**

 **End Sub**

**#Region "Open & CLose FSConn"**

 **Public Function OpenFSConn() As Boolean**

 **Dim Table As New DataTable**

 **Dim IsOpen As Boolean = False**

 **If IngresConnect.State = ConnectionState.Open Then Return True**

 **Try**

 **IngresConnect.Open()**

 **Catch ex As Exception**

 **End Try**

 **If IngresConnect.State = ConnectionState.Open Then**

 **Dim cm As New IngresCommand("set lockmode session where readlock=nolock", IngresConnect)**

 **cm.ExecuteNonQuery()**

 **IsOpen = True**

 **End If**

 **DataGridView1.DataSource = Table**

 **DataGridView1.Refresh()**

 **Return IsOpen**

 **End Function**

 **Public Sub CloseFSConn()**

 **If IngresConnect.State = ConnectionState.Open Then IngresConnect.Close()**

 **End Sub**

**#End Region**

 **Private Sub Button4\_Click(sender As Object, e As EventArgs) Handles btnexport.Click**

 **Try**

 **Dim worker As New System.ComponentModel.BackgroundWorker**

 **AddHandler worker.DoWork, AddressOf ExportLoad**

 **AddHandler worker.RunWorkerCompleted, AddressOf ExportCompleted**

 **worker.RunWorkerAsync()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Public Structure ResultExporXYZ**

 **Dim isSuccess As Boolean**

 **Dim hssfwb As XSSFWorkbook**

 **End Structure**

 **Private Sub ExportLoad(ByVal sender As System.Object, ByVal e As System.ComponentModel.DoWorkEventArgs)**

 **Dim Result As New ResultExporXYZ**

 **Result.isSuccess = False**

 **Try**

 **Dim hssfwb = New XSSFWorkbook(NPOI.OpenXml4Net.OPC.OPCPackage.Open(New MemoryStream(My.Resources.template)))**

 **Dim formatSheet As XSSFSheet = hssfwb.GetSheet("Sheet1")**

 **Dim copyrow As XSSFRow = formatSheet.GetRow(0)**

 **Dim begincounter As Integer = 1**

 **For X As Integer = 0 To DataGridView1.Rows.Count - 1**

 **copyrow.CopyRowTo(begincounter)**

 **Dim cellrow As XSSFRow = formatSheet.GetRow(begincounter)**

 **cellrow.GetCell(0).SetCellValue(DataGridView1.Rows(X).Cells(0).Value.ToString)**

 **cellrow.GetCell(1).SetCellValue(DataGridView1.Rows(X).Cells(1).Value.ToString)**

 **cellrow.GetCell(2).SetCellValue(DataGridView1.Rows(X).Cells(2).Value.ToString)**

 **cellrow.GetCell(3).SetCellValue(DataGridView1.Rows(X).Cells(3).Value.ToString)**

 **cellrow.GetCell(4).SetCellValue(DataGridView1.Rows(X).Cells(4).Value.ToString)**

 **cellrow.GetCell(5).SetCellValue(DataGridView1.Rows(X).Cells(5).Value.ToString)**

 **cellrow.GetCell(6).SetCellValue(DataGridView1.Rows(X).Cells(6).Value.ToString)**

 **cellrow.GetCell(7).SetCellValue(DataGridView1.Rows(X).Cells(7).Value.ToString)**

 **begincounter += 1**

 **Next**

 **Result.hssfwb = hssfwb**

 **Result.isSuccess = True**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **e.Result = Result**

 **End Sub**

 **Private Sub ExportCompleted(ByVal sender As System.Object, ByVal e As System.ComponentModel.RunWorkerCompletedEventArgs)**

 **Dim Result As ResultExporXYZ = e.Result**

 **If Result.isSuccess = True Then**

 **Dim SaveDialog As New SaveFileDialog**

 **SaveDialog.Title = "Save Report"**

 **SaveDialog.Filter = "Excel Files|\*.xlsx"**

 **SaveDialog.FilterIndex = 1**

 **If SaveDialog.ShowDialog = DialogResult.OK Then**

 **Try**

 **Dim xlFileName As String = SaveDialog.FileName**

 **Dim xfile As New FileStream(SaveDialog.FileName, FileMode.Create, System.IO.FileAccess.Write)**

 **Result.hssfwb.Write(xfile)**

 **xfile.Close()**

 **Process.Start(SaveDialog.FileName)**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End If**

 **End If**

 **End Sub**

 **Private Sub Button1\_Click\_1(sender As Object, e As EventArgs) Handles btnview.Click**

 **Call Financeorder()**

 **End Sub**

 **Private Sub Button8\_Click(sender As Object, e As EventArgs) Handles btnback.Click**

 **Form2.Show()**

 **End Sub**

 **Private Sub btnclose\_Click(sender As Object, e As EventArgs) Handles btnclose.Click**

 **Me.Close()**

 **End Sub**

 **Private Sub Button5\_Click(sender As Object, e As EventArgs) Handles btntotaldiscount.Click**

 **Dim SUM As Integer**

 **For i As Integer = 0 To DataGridView1.RowCount - 1**

 **SUM += DataGridView1.Rows(i).Cells(5).Value**

 **Next**

 **txttotaldiscount.Text = SUM.ToString**

 **End Sub**

 **Private Sub Button6\_Click(sender As Object, e As EventArgs) Handles btngrandtotal.Click**

 **Dim gtot As Integer**

 **For i As Integer = 0 To DataGridView1.RowCount - 1**

 **gtot += DataGridView1.Rows(i).Cells(6).Value**

 **Next**

 **txtgrandtotal.Text = gtot.ToString**

 **End Sub**

 **Private Sub btnsort\_Click(sender As Object, e As EventArgs)**

 **DataGridView1.Sort(DataGridView1.Columns(7), ListSortDirection.Ascending)**

 **End Sub**

 **Private Sub txttotaldiscount\_TextChanged(sender As Object, e As EventArgs) Handles txttotaldiscount.TextChanged**

 **End Sub**

 **Private Sub btnpdf\_Click(sender As Object, e As EventArgs) Handles btnpdf.Click**

 **End Sub**

 **'Private Sub btnpdf\_Click(sender As Object, e As EventArgs) Handles btnpdf.Click**

 **'Dim Paragraph As New Paragraph**

 **'Dim PdfFile As New Document(PageSize.A4, 40, 40, 40, 20)**

 **'' PdfFile.AddSubject(TextBox3.Text)**

 **'Dim Write As PdfWriter = PdfWriter.GetInstance(PdfFile, New FileStream(TextBox2.Text, FileMode.Create))**

 **'PdfFile.Open()**

 **'Dim pTotal As New Font(iTextSharp.text.Font.FontFamily.TIMES\_ROMAN, 16, iTextSharp.text.Font.BOLD, BaseColor.BLACK)**

 **'Dim pTable As New Font(iTextSharp.text.Font.FontFamily.TIMES\_ROMAN, 12, iTextSharp.text.Font.NORMAL, BaseColor.BLACK)**

 **'Paragraph = New Paragraph(New Chunk(TextBox4.Text, pTotal))**

 **'Paragraph.Alignment = Element.ALIGN\_CENTER**

 **'Paragraph.SpacingAfter = 3.0F**

 **'PdfFile.Add(Paragraph)**

 **'Dim PdfTable As New PdfPTable(DataGridView1.Columns.Count)**

 **'PdfTable.TotalWidth = 500.0F**

 **'PdfTable.LockedWidth = True**

 **'Dim widths(0 To DataGridView1.Columns.Count - 1) As Single**

 **'For i As Integer = 0 To DataGridView1.Columns.Count - 1**

 **' widths(i) = 1.0F**

 **'Next**

 **'PdfTable.SetWidths(widths)**

 **'PdfTable.HorizontalAlignment = 0**

 **'PdfTable.SpacingBefore = 5.0F**

 **'Dim pdfcell As PdfPCell = New PdfPCell**

 **'For i As Integer = 0 To DataGridView1.Columns.Count - 1**

 **' pdfcell = New PdfPCell(New Phrase(New Chunk(DataGridView1.Columns(i).HeaderText, pTable)))**

 **' pdfcell.HorizontalAlignment = PdfPCell.ALIGN\_LEFT**

 **' PdfTable.AddCell(pdfcell)**

 **'Next**

 **'For i As Integer = 0 To DataGridView1.Rows.Count - 2**

 **' For j As Integer = 0 To DataGridView1.Columns.Count - 1**

 **' pdfcell = New PdfPCell(New Phrase(DataGridView1(j, i).Value.ToString(), pTable))**

 **' PdfTable.HorizontalAlignment = PdfPCell.ALIGN\_LEFT**

 **' PdfTable.AddCell(pdfcell)**

 **' Next**

 **'Next**

 **'PdfFile.Add(PdfTable)**

 **'PdfFile.Close()**

 **'MessageBox.Show("PDF format success exported !", "Informations", MessageBoxButtons.OK, MessageBoxIcon.Information)**

 **'''Creating iTextSharp Table from the DataTable data**

 **''Dim pdfTable As New PdfPTable(DataGridView1.ColumnCount)**

 **''pdfTable.DefaultCell.Padding = 3**

 **''pdfTable.WidthPercentage = 30**

 **''pdfTable.HorizontalAlignment = Element.ALIGN\_LEFT**

 **''pdfTable.DefaultCell.BorderWidth = 1**

 **'''Adding Header row**

 **''For Each column As DataGridViewColumn In DataGridView1.Columns**

 **'' Dim cell As New PdfPCell(New Phrase(column.HeaderText))**

 **'' 'cell.BackgroundColor = New iTextSharp.text.(240, 240, 240)**

 **'' pdfTable.AddCell(cell)**

 **''Next**

 **'''Adding DataRow**

 **''For Each row As DataGridViewRow In DataGridView1.Rows**

 **'' For Each cell As DataGridViewCell In row.Cells**

 **'' pdfTable.AddCell(cell.Value.ToString())**

 **'' Next**

 **''Next**

 **'''Exporting to PDF**

 **''Dim folderPath As String = "C:\Users\cpbobila\Documents\PDF"**

 **''If Not Directory.Exists(folderPath) Then**

 **'' Directory.CreateDirectory(folderPath)**

 **''End If**

 **''Using stream As New FileStream(folderPath & "DataGridViewExport.pdf", FileMode.Create)**

 **'' Dim pdfDoc As New Document(PageSize.A2, 10.0F, 10.0F, 10.0F, 0.0F)**

 **'' PdfWriter.GetInstance(pdfDoc, stream)**

 **'' pdfDoc.Open()**

 **'' pdfDoc.Add(pdfTable)**

 **'' pdfDoc.Close()**

 **'' stream.Close()**

 **''End Using**

 **'End Sub**

**End Class**



Public Class Form6

 Dim Firstnum As Decimal

 Dim secondnum As Decimal

 Dim Operations As Integer

 Dim Operator\_Selector As Boolean = False

 Private Sub Button1\_Click(sender As Object, e As EventArgs) Handles Button1.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "1"

 Else

 TextBox1.Text = "1"

 End If

 End Sub

 Private Sub Button2\_Click(sender As Object, e As EventArgs) Handles Button2.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "2"

 Else

 TextBox1.Text = "2"

 End If

 End Sub

 Private Sub Button3\_Click(sender As Object, e As EventArgs) Handles Button3.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "3"

 Else

 TextBox1.Text = "3"

 End If

 End Sub

 Private Sub Button8\_Click(sender As Object, e As EventArgs) Handles Button8.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "4"

 Else

 TextBox1.Text = "4"

 End If

 End Sub

 Private Sub Button7\_Click(sender As Object, e As EventArgs) Handles Button7.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "5"

 Else

 TextBox1.Text = "5"

 End If

 End Sub

 Private Sub Button6\_Click(sender As Object, e As EventArgs) Handles Button6.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "6"

 Else

 TextBox1.Text = "6"

 End If

 End Sub

 Private Sub Button12\_Click(sender As Object, e As EventArgs) Handles Button12.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "7"

 Else

 TextBox1.Text = "7"

 End If

 End Sub

 Private Sub Button11\_Click(sender As Object, e As EventArgs) Handles Button11.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "8"

 Else

 TextBox1.Text = "8"

 End If

 End Sub

 Private Sub Button10\_Click(sender As Object, e As EventArgs) Handles Button10.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "9"

 Else

 TextBox1.Text = "9"

 End If

 End Sub

 Private Sub Button16\_Click(sender As Object, e As EventArgs) Handles Button16.Click

 If TextBox1.Text <> "0" Then

 TextBox1.Text += "0"

 End If

 End Sub

 Private Sub Button15\_Click(sender As Object, e As EventArgs) Handles Button15.Click

 If Not (TextBox1.Text.Contains(".")) Then

 TextBox1.Text += "."

 End If

 End Sub

 Private Sub Button14\_Click(sender As Object, e As EventArgs) Handles Button14.Click

 TextBox1.Text = "0"

 End Sub

 Private Sub Button4\_Click(sender As Object, e As EventArgs) Handles Button4.Click

 Firstnum = TextBox1.Text

 TextBox1.Text = "0"

 Operator\_Selector = True

 Operations = 1 ' = +

 End Sub

 Private Sub Button5\_Click(sender As Object, e As EventArgs) Handles Button5.Click

 Firstnum = TextBox1.Text

 TextBox1.Text = "0"

 Operator\_Selector = True

 Operations = 2 ' = -

 End Sub

 Private Sub Button9\_Click(sender As Object, e As EventArgs) Handles Button9.Click

 Firstnum = TextBox1.Text

 TextBox1.Text = "0"

 Operator\_Selector = True

 Operations = 3 ' = \*

 End Sub

 Private Sub Button13\_Click(sender As Object, e As EventArgs) Handles Button13.Click

 Firstnum = TextBox1.Text

 TextBox1.Text = "0"

 Operator\_Selector = True

 Operations = 4 ' = /

 End Sub

 Private Sub Button17\_Click(sender As Object, e As EventArgs) Handles Button17.Click

 If Operator\_Selector = True Then

 secondnum = TextBox1.Text

 If Operations = 1 Then

 TextBox1.Text = Firstnum + secondnum

 ElseIf Operations = 2 Then

 TextBox1.Text = Firstnum - secondnum

 ElseIf Operations = 3 Then

 TextBox1.Text = Firstnum \* secondnum

 Else

 If secondnum = 0 Then

 TextBox1.Text = "Error!"

 Else

 TextBox1.Text = Firstnum / secondnum

 End If

 Operator\_Selector = False

 End If

 End If

 End Sub

End Class

**Using TELERIK UI**









**Imports System.IO**

**Imports Ingres.Client**

**Imports NPOI.XSSF.UserModel**

**Imports Telerik.WinControls.UI**

**Imports System.Data**

**Public Class frmCore**

 **'Ingres Connection DB**

 **Public IngresKonek As New IngresConnection("host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;")**

 **'Form Connection to DB**

 **Private Sub frmCore\_Load(sender As Object, e As EventArgs) Handles MyBase.Load**

 **IngConn1 = "host=172.17.243.202;database=ann\_hotelreservation\_db;user id=ingres;password=71xLR!m3&OPH;tz=philippines;"**

 **Call MenuView()**

 **Call OrderDisplay()**

 **Call FinanceDisplay()**

 **Call SalesReport()**

 **Try**

 **Dim output As New DataTable**

 **Dim query As String = "SELECT \* FROM tbl\_menu"**

 **Using conn As New IngresConnection(IngConn1)**

 **conn.Open()**

 **Using comm As New IngresCommand()**

 **With comm**

 **.Connection = conn**

 **.CommandType = CommandType.Text**

 **.CommandText = query**

 **End With**

 **Dim DTAdapter As New IngresDataAdapter(comm)**

 **DTAdapter.Fill(output)**

 **End Using**

 **conn.Dispose()**

 **conn.Close()**

 **End Using**

 **output.Columns(0).ColumnName = "Code"**

 **RemoveSortOrder(RadComboBox\_Search\_SalesReport)**

 **RadComboBox\_Search\_SalesReport.DataSource = output.Copy**

 **RadComboBox\_Search\_SalesReport.BestFitColumns()**

 **RadComboBox\_Search\_SalesReport.SelectedIndex = -1**

 **RGV\_SalesReport.DataSource = output**

 **RGV\_SalesReport.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Public Sub RemoveSortOrder(ByVal MCB As RadMultiColumnComboBox)**

 **Try**

 **For x = 0 To MCB.Columns.Count - 1**

 **MCB.EditorControl.MasterTemplate.Columns(x).Sort(RadSortOrder.None, True)**

 **Next**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **'Submit function for menu**

**#Region "Button Submit Menu"**

 **Private Sub Iconbtn\_submit\_menu\_Click(sender As Object, e As EventArgs) Handles Iconbtn\_submit\_menu.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim dt As New DataTable**

 **Dim Results As String = "False | Error on saving"**

 **With Table**

 **.Columns.Add("itemid")**

 **.Columns.Add("itemname")**

 **.Columns.Add("itemprice")**

 **End With**

 **Table.Rows.Clear()**

 **Table.Rows.Add(RadTextBox\_itemid.Text.ToString.Trim,**

 **RadTextBox\_itemname.Text.ToString.Trim,**

 **RadTextBox\_itemprice.Text.ToString.Trim)**

 **'dtpdob.Value,**

 **Results = CStr(SavingRecords(Table))**

 **Dim Output As Boolean = False**

 **Dim ErrMessage As String = ""**

 **Output = CBool(Split(Results, "|")(0).ToString())**

 **ErrMessage = Split(Results, "|")(1).ToString()**

 **MsgBox(ErrMessage)**

 **Call MenuView()**

 **Catch ex As Exception**

 **End Try**

 **End Sub**

**#End Region**

 **'To Display records from RadGridView Menu**

**#Region "RadGridView\_Menu"**

 **Private Sub Rgv\_Menu\_Click(sender As Object, e As EventArgs) Handles Rgv\_Menu.Click**

 **Try**

 **Dim table As New DataTable**

 **Dim x As Integer = Rgv\_Menu.CurrentCell.RowIndex**

 **RadTextBox\_itemid.Text = Rgv\_Menu.Rows(x).Cells(0).Value.ToString.Trim**

 **RadTextBox\_itemname.Text = Rgv\_Menu.Rows(x).Cells(1).Value.ToString.Trim**

 **RadTextBox\_itemprice.Text = Rgv\_Menu.Rows(x).Cells(2).Value.ToString.Trim**

 **'dtpdob.Text = DataGridView1.Rows(x).Cells(4).Value**

 **Rgv\_Menu.DataSource = table**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

 **'Create Sub Function for MenuView to call the records from DB - used Query**

**#Region "MenuView"**

 **Public Sub MenuView()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT \* from tbl\_menu"**

 **'"SELECT MAX(itemid) + 1 as itemid FROM Menu"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_Menu.DataSource = Table**

 **Rgv\_Menu.Refresh()**

 **Catch ex As Exception**

 **End Try**

 **End Sub**

**#End Region**

 **'Connection from MenuView**

**#Region "OpenFSconn & CloseFSconn"**

 **Public Function OpenFSConn() As Boolean**

 **Dim Table As New DataTable**

 **Dim IsOpen As Boolean = False**

 **If IngresKonek.State = ConnectionState.Open Then Return True**

 **Try**

 **IngresKonek.Open()**

 **Catch ex As Exception**

 **End Try**

 **If IngresKonek.State = ConnectionState.Open Then**

 **Dim cm As New IngresCommand("set lockmode session where readlock=nolock", IngresKonek)**

 **cm.ExecuteNonQuery()**

 **IsOpen = True**

 **End If**

 **Rgv\_Menu.DataSource = Table**

 **Rgv\_Menu.Refresh()**

 **Return IsOpen**

 **End Function**

 **Public Sub CloseFSConn()**

 **If IngresKonek.State = ConnectionState.Open Then IngresKonek.Close()**

 **End Sub**

**#End Region**

 **'Search for Menu using itemname**

**#Region "Button for Search of Menu"**

 **Private Sub IconBtn\_search\_menu\_Click(sender As Object, e As EventArgs) Handles IconBtn\_search\_menu.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "Select \* FROM tbl\_menu WHERE itemname Like '%" + RadTextBox\_search\_menu.Text + "%'"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_Menu.DataSource = Table**

 **Rgv\_Menu.Refresh()**

 **Catch ex As Exception**

 **End Try**

 **End Sub**

**#End Region**

 **'Delete Function for Menu**

**#Region "Button for Delete of Menu"**

 **Private Sub IconBtn\_delete\_menu\_Click(sender As Object, e As EventArgs) Handles IconBtn\_delete\_menu.Click**

 **Dim Table As DataTable**

 **Try**

 **Dim x As Integer = Rgv\_Menu.CurrentCell.RowIndex**

 **Dim itemid As String = Rgv\_Menu.Rows(x).Cells(0).Value.ToString.Trim**

 **Table = IngDataTable\_menu("sp\_menu\_del1",**

 **{"int|" & itemid})**

 **MsgBox("Successfully Deleted")**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

 **Private Sub IconBtn\_refresh\_menu\_Click(sender As Object, e As EventArgs) Handles IconBtn\_refresh\_menu.Click**

 **Call MenuView()**

 **End Sub**

 **'Auto generate of Max number from Menu**

**#Region "Button for Add"**

 **Private Sub IconBtn\_add\_menu\_Click(sender As Object, e As EventArgs) Handles IconBtn\_add\_menu.Click**

 **Call Generate\_idnum()**

 **End Sub**

**#End Region**

**#Region "Generate Number max"**

 **Private Sub Generate\_idnum()**

 **Dim dta\_idnum As DataTable**

 **Dim idnum As Integer = 0**

 **Dim newidnum As Integer = 0**

 **dta\_idnum = IngDataTableGenNum("sp\_menu\_sel1",**

 **{})**

 **dta\_idnum.AcceptChanges()**

 **For Each row As DataRow In dta\_idnum.Rows**

 **If row(0).ToString.Trim = "" Then**

 **idnum = 0**

 **Else**

 **idnum = Int(row(0))**

 **End If**

 **Next**

 **newidnum = idnum + 1**

 **RadTextBox\_itemid.Text = newidnum**

 **RadTextBox\_itemname.Clear()**

 **RadTextBox\_itemprice.Clear()**

 **End Sub**

**#End Region**

 **Private Sub Radbtn\_exit\_menu\_Click(sender As Object, e As EventArgs) Handles Radbtn\_exit\_menu.Click**

 **Me.Close()**

 **End Sub**

 **'"<------Order Code------->"**

**#Region "Button call Order\_ViewMenu"**

 **Private Sub IconBtn\_view\_menu\_Click(sender As Object, e As EventArgs) Handles IconBtn\_view\_menu.Click**

 **Call Order\_ViewMenu()**

 **End Sub**

**#End Region**

 **'Create Sub ViewMenu**

**#Region "Create Sub for View Menu"**

 **Public Sub Order\_ViewMenu()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT \* FROM tbl\_menu"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_viewmenu\_order.DataSource = Table**

 **Rgv\_viewmenu\_order.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

 **'Search Button - Order**

**#Region "Button Search for Order\_ViewMenu"**

 **Private Sub IconBtn\_search\_order\_Click(sender As Object, e As EventArgs) Handles IconBtn\_search\_order.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "Select \* FROM tbl\_menu WHERE itemname Like '%" + RadTextBox\_search\_order.Text + "%'"**

 **If OpenFSConnOrder() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConnOrder()**

 **End If**

 **Rgv\_Menu.DataSource = Table**

 **Rgv\_Menu.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

 **'Connection from Order\_MenuView**

**#Region "OpenFSconnOrder & CloseFSconnOrder"**

 **Public Function OpenFSConnOrder() As Boolean**

 **Dim Table As New DataTable**

 **Dim IsOpen As Boolean = False**

 **If IngresKonek.State = ConnectionState.Open Then Return True**

 **Try**

 **IngresKonek.Open()**

 **Catch ex As Exception**

 **End Try**

 **If IngresKonek.State = ConnectionState.Open Then**

 **Dim cm As New IngresCommand("set lockmode session where readlock=nolock", IngresKonek)**

 **cm.ExecuteNonQuery()**

 **IsOpen = True**

 **End If**

 **Rgv\_Menu.DataSource = Table**

 **Rgv\_Menu.Refresh()**

 **Return IsOpen**

 **End Function**

 **Public Sub CloseFSConnOrder()**

 **If IngresKonek.State = ConnectionState.Open Then IngresKonek.Close()**

 **End Sub**

 **Private Sub IconBtn\_submit\_order\_Click(sender As Object, e As EventArgs) Handles IconBtn\_submit\_order.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim Results As String = "False | Error on saving"**

 **With Table**

 **.Columns.Add("SINo")**

 **.Columns.Add("itemname")**

 **.Columns.Add("itemprice")**

 **.Columns.Add("quantity")**

 **.Columns.Add("originalprice")**

 **.Columns.Add("total")**

 **.Columns.Add("discount")**

 **.Columns.Add("date")**

 **End With**

 **Table.Rows.Clear()**

 **Table.Rows.Add(RadTextBox\_SINo\_order.Text.ToString.Trim,**

 **RadTextBox\_itemname\_order.Text.ToString.Trim,**

 **RadTextBox\_itemprice\_order.Text.ToString.Trim,**

 **RadTextBox\_quantity\_order.Text.ToString.Trim,**

 **RadTextBox\_originalprice\_order.Text.ToString.Trim,**

 **RadTextBox\_total\_order.Text.ToString.Trim,**

 **RadTextBox\_discount\_order.Text.ToString.Trim,**

 **dtpdate.Value)**

 **Results = CStr(SavingRecords2(Table))**

 **Dim Output As Boolean = False**

 **Dim ErrMessage As String = ""**

 **Output = CBool(Split(Results, "|")(0).ToString())**

 **ErrMessage = Split(Results, "|")(1).ToString()**

 **MsgBox(ErrMessage)**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

**#Region "Button Clear"**

 **Private Sub IconBtn\_clear\_order\_Click(sender As Object, e As EventArgs) Handles IconBtn\_clear\_order.Click**

 **RadTextBox\_SINo\_order.Clear()**

 **RadTextBox\_itemname\_order.Clear()**

 **RadTextBox\_itemprice\_order.Clear()**

 **RadTextBox\_quantity\_order.Clear()**

 **RadTextBox\_originalprice\_order.Clear()**

 **RadTextBox\_total\_order.Clear()**

 **RadTextBox\_discount\_order.Clear()**

 **End Sub**

**#End Region**

**#Region "Computation"**

 **Private Sub Iconbtn\_regular\_order\_Click(sender As Object, e As EventArgs) Handles Iconbtn\_regular\_order.Click**

 **RadTextBox\_total\_order.Text = (Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)) \* (1 - 0.2)**

 **RadTextBox\_discount\_order.Text = (Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)) \* (0.2)**

 **End Sub**

 **Private Sub IconBtn\_discount\_order\_Click(sender As Object, e As EventArgs) Handles IconBtn\_discount\_order.Click**

 **RadTextBox\_total\_order.Text = (Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)) \* (1 - 0.15)**

 **RadTextBox\_discount\_order.Text = (Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)) \* (0.15)**

 **End Sub**

 **Private Sub QuantityCompute(sender As Object, e As EventArgs) Handles RadTextBox\_quantity\_order.TextChanged**

 **If Not IsNumeric(RadTextBox\_quantity\_order.Text) Then**

 **RadTextBox\_quantity\_order.Clear()**

 **End If**

 **RadTextBox\_total\_order.Text = Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)**

 **RadTextBox\_originalprice\_order.Text = Val(RadTextBox\_itemprice\_order.Text) \* Val(RadTextBox\_quantity\_order.Text)**

 **End Sub**

**#End Region**

**#Region "Select into RadGridView-MenuView"**

 **Private Sub Rgv\_viewmenu\_order\_Click(sender As Object, e As EventArgs) Handles Rgv\_viewmenu\_order.Click**

 **Try**

 **Dim table As New DataTable**

 **Dim x As Integer = Rgv\_viewmenu\_order.CurrentCell.RowIndex**

 **RadTextBox\_SINo\_order.Text = Rgv\_viewmenu\_order.Rows(x).Cells(0).Value.ToString.Trim**

 **RadTextBox\_itemname\_order.Text = Rgv\_viewmenu\_order.Rows(x).Cells(1).Value.ToString.Trim**

 **RadTextBox\_itemprice\_order.Text = Rgv\_viewmenu\_order.Rows(x).Cells(2).Value.ToString.Trim**

 **Rgv\_viewmenu\_order.DataSource = table**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

**#Region "RadGridView-Order"**

 **Private Sub Rgv\_order\_Click(sender As Object, e As EventArgs) Handles Rgv\_order.Click**

 **Try**

 **Dim x As Integer = Rgv\_order.CurrentCell.RowIndex**

 **RadTextBox\_SINo\_order.Text = Rgv\_order.Rows(x).Cells(0).Value.ToString().Trim**

 **RadTextBox\_itemname\_order.Text = Rgv\_order.Rows(x).Cells(1).Value.ToString().Trim**

 **RadTextBox\_itemprice\_order.Text = Rgv\_order.Rows(x).Cells(2).Value.ToString().Trim**

 **RadTextBox\_quantity\_order.Text = Rgv\_order.Rows(x).Cells(3).Value.ToString().Trim**

 **RadTextBox\_originalprice\_order.Text = Rgv\_order.Rows(x).Cells(4).Value.ToString().Trim**

 **RadTextBox\_total\_order.Text = Rgv\_order.Rows(x).Cells(5).Value.ToString().Trim**

 **RadTextBox\_discount\_order.Text = Rgv\_order.Rows(x).Cells(6).Value.ToString().Trim**

 **dtpdate.Text = Rgv\_order.Rows(x).Cells(7).Value**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

**#Region "OrderDisplay"**

 **Private Sub OrderDisplay()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT \* FROM tbl\_order"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_order.DataSource = Table**

 **Rgv\_order.Refresh()**

 **Catch ex As Exception**

 **End Try**

 **End Sub**

**#End Region**

 **'"<------Finance Code------->"**

**#Region "Button Search Finance"**

 **Private Sub Iconbtn\_search\_finance\_Click(sender As Object, e As EventArgs) Handles Iconbtn\_search\_finance.Click**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "Select \* FROM tbl\_order WHERE itemname Like '%" + RadTextBox\_search\_finance.Text + "%'"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_finance.DataSource = Table**

 **Rgv\_finance.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

**#Region "RadGridView Finance"**

 **Private Sub Rgv\_finance\_Click(sender As Object, e As EventArgs) Handles Rgv\_finance.Click**

 **Dim x As Integer = Rgv\_finance.CurrentCell.RowIndex**

 **RadTextBox\_SINo\_order.Text = Rgv\_finance.Rows(x).Cells(0).Value.ToString().Trim**

 **RadTextBox\_itemname\_order.Text = Rgv\_finance.Rows(x).Cells(1).Value.ToString().Trim**

 **RadTextBox\_itemprice\_order.Text = Rgv\_finance.Rows(x).Cells(2).Value.ToString().Trim**

 **RadTextBox\_quantity\_order.Text = Rgv\_finance.Rows(x).Cells(3).Value.ToString().Trim**

 **RadTextBox\_originalprice\_order.Text = Rgv\_finance.Rows(x).Cells(4).Value.ToString().Trim**

 **RadTextBox\_total\_order.Text = Rgv\_finance.Rows(x).Cells(5).Value.ToString().Trim**

 **RadTextBox\_discount\_order.Text = Rgv\_finance.Rows(x).Cells(6).Value.ToString().Trim**

 **dtpdate.Text = Rgv\_finance.Rows(x).Cells(7).Value**

 **End Sub**

**#End Region**

**#Region "Finance Display"**

 **Private Sub FinanceDisplay()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT \* FROM tbl\_order"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **Rgv\_finance.DataSource = Table**

 **Rgv\_finance.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

**#End Region**

**#Region "Total Discount"**

 **Private Sub IconBtn\_totaldiscount\_finance\_Click(sender As Object, e As EventArgs) Handles IconBtn\_totaldiscount\_finance.Click**

 **Dim SUM As Integer**

 **For i As Integer = 0 To Rgv\_finance.RowCount - 1**

 **SUM += Rgv\_finance.Rows(i).Cells(6).Value**

 **Next**

 **RadTextBox\_totdiscount\_finance.Text = SUM.ToString**

 **End Sub**

 **Private Sub Iconbtn\_grandtotal\_finance\_Click(sender As Object, e As EventArgs) Handles Iconbtn\_grandtotal\_finance.Click**

 **Dim SUM As Integer**

 **For i As Integer = 0 To Rgv\_finance.RowCount - 1**

 **SUM += Rgv\_finance.Rows(i).Cells(5).Value**

 **Next**

 **RadTextBox\_grandtotal\_finance.Text = SUM.ToString**

 **End Sub**

**#End Region**

 **Private Sub IconBtn\_Refresh\_Click(sender As Object, e As EventArgs) Handles IconBtn\_Refresh.Click**

 **Call FinanceDisplay()**

 **End Sub**

 **Private Sub IconBtn\_export\_finance\_Click(sender As Object, e As EventArgs) Handles IconBtn\_export\_finance.Click**

 **Try**

 **Dim worker As New System.ComponentModel.BackgroundWorker**

 **AddHandler worker.DoWork, AddressOf ExportLoad**

 **AddHandler worker.RunWorkerCompleted, AddressOf ExportCompleted**

 **worker.RunWorkerAsync()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Private Sub ExportCompleted(ByVal sender As System.Object, ByVal e As System.ComponentModel.RunWorkerCompletedEventArgs)**

 **Dim Result As ResultExporXYZ = e.Result**

 **If Result.isSuccess = True Then**

 **Dim SaveDialog As New SaveFileDialog**

 **SaveDialog.Title = "Save Report"**

 **SaveDialog.Filter = "Excel Files|\*.xlsx"**

 **SaveDialog.FilterIndex = 1**

 **If SaveDialog.ShowDialog = DialogResult.OK Then**

 **Try**

 **Dim xlFileName As String = SaveDialog.FileName**

 **Dim xfile As New FileStream(SaveDialog.FileName, FileMode.Create, System.IO.FileAccess.Write)**

 **Result.hssfwb.Write(xfile)**

 **xfile.Close()**

 **Process.Start(SaveDialog.FileName)**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End If**

 **End If**

 **End Sub**

 **Public Structure ResultExporXYZ**

 **Dim isSuccess As Boolean**

 **Dim hssfwb As XSSFWorkbook**

 **End Structure**

 **Private Sub ExportLoad(ByVal sender As System.Object, ByVal e As System.ComponentModel.DoWorkEventArgs)**

 **Dim Result As New ResultExporXYZ**

 **Result.isSuccess = False**

 **Try**

 **Dim hssfwb = New XSSFWorkbook(NPOI.OpenXml4Net.OPC.OPCPackage.Open(New MemoryStream(My.Resources.template1)))**

 **Dim formatSheet As XSSFSheet = hssfwb.GetSheet("Sheet1")**

 **Dim copyrow As XSSFRow = formatSheet.GetRow(0)**

 **Dim begincounter As Integer = 1**

 **For X As Integer = 0 To Rgv\_finance.Rows.Count - 1**

 **copyrow.CopyRowTo(begincounter)**

 **Dim cellrow As XSSFRow = formatSheet.GetRow(begincounter)**

 **cellrow.GetCell(0).SetCellValue(Rgv\_finance.Rows(X).Cells(0).Value.ToString)**

 **cellrow.GetCell(1).SetCellValue(Rgv\_finance.Rows(X).Cells(1).Value.ToString)**

 **cellrow.GetCell(2).SetCellValue(Rgv\_finance.Rows(X).Cells(2).Value.ToString)**

 **cellrow.GetCell(3).SetCellValue(Rgv\_finance.Rows(X).Cells(3).Value.ToString)**

 **cellrow.GetCell(4).SetCellValue(Rgv\_finance.Rows(X).Cells(4).Value.ToString)**

 **cellrow.GetCell(5).SetCellValue(Rgv\_finance.Rows(X).Cells(5).Value.ToString)**

 **cellrow.GetCell(6).SetCellValue(Rgv\_finance.Rows(X).Cells(6).Value.ToString)**

 **cellrow.GetCell(7).SetCellValue(Rgv\_finance.Rows(X).Cells(7).Value.ToString)**

 **begincounter += 1**

 **Next**

 **Result.hssfwb = hssfwb**

 **Result.isSuccess = True**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **e.Result = Result**

 **End Sub**

 **Private Sub SalesReport()**

 **Try**

 **Dim Table As New DataTable**

 **Dim dta\_record As New DataTable**

 **Dim query As String = "SELECT a.itemid, a.itemname, a.itemprice, b.quantity, b.originalprice, b.total, b.discount, b.date**

 **FROM tbl\_menu a LEFT JOIN tbl\_order b ON a.itemid = b.sino"**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **RGV\_SalesReport.DataSource = Table**

 **RGV\_SalesReport.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Private Sub RGV\_SalesReport\_Click(sender As Object, e As EventArgs) Handles RGV\_SalesReport.Click**

 **Dim x As Integer = RGV\_SalesReport.CurrentCell.RowIndex**

 **RadTextBox\_itemid.Text = RGV\_SalesReport.Rows(x).Cells(0).Value.ToString().Trim**

 **RadTextBox\_itemname.Text = RGV\_SalesReport.Rows(x).Cells(1).Value.ToString().Trim**

 **RadTextBox\_itemprice.Text = RGV\_SalesReport.Rows(x).Cells(2).Value.ToString().Trim**

 **RadTextBox\_quantity\_order = RGV\_SalesReport.Rows(x).Cells(3).Value**

 **RadTextBox\_originalprice\_order = RGV\_SalesReport.Rows(x).Cells(4).Value**

 **RadTextBox\_total\_order = RGV\_SalesReport.Rows(x).Cells(5).Value**

 **RadTextBox\_discount\_order = RGV\_SalesReport.Rows(x).Cells(6).Value**

 **End Sub**

 **Private Sub IconButton5\_Click(sender As Object, e As EventArgs) Handles IconBtn\_Search\_SalesReport.Click**

 **Dim Table As New DataTable**

 **Dim query As String = "SELECT a.itemid, a.itemname, a.itemprice, b.quantity, b.originalprice, b.total, b.discount, b.date**

 **FROM tbl\_menu a LEFT JOIN tbl\_order b ON a.itemid = b.sino**

 **WHERE a.itemid Like '%" + RadComboBox\_Search\_SalesReport.Text + "%'"**

 **Try**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **RGV\_SalesReport.DataSource = Table**

 **RGV\_SalesReport.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Private Sub IconBtn\_LoadChart\_SalesReport\_Click(sender As Object, e As EventArgs, dr As DataTable) Handles IconBtn\_LoadChart\_SalesReport.Click**

 **Try**

 **Dim output As New DataTable**

 **Dim Table As New DataTable**

 **Dim query As String = "SELECT total, date FROM tbl\_order "**

 **If OpenFSConn() Then**

 **Dim cmd As New IngresCommand**

 **cmd.Connection = IngresKonek**

 **cmd.CommandText = query**

 **cmd.CommandType = CommandType.Text**

 **cmd.Parameters.Clear()**

 **Dim dta As New IngresDataAdapter(cmd)**

 **dta.Fill(Table)**

 **dta\_record = Table**

 **dta.Dispose()**

 **CloseFSConn()**

 **End If**

 **'RadChart\_SalesReport "date".XValueMember = "date"**

 **'RadChart\_SalesReport "total".YValueMember = "total"**

 **RGV\_SalesReport.Rows.Clear()**

 **RadChart\_SalesReport.DataSource = output**

 **RadChart\_SalesReport.Refresh()**

 **Catch ex As Exception**

 **MsgBox(ex.Message)**

 **End Try**

 **End Sub**

 **Private Sub RadButton1\_Click(sender As Object, e As EventArgs)**

 **Me.Close()**

 **End Sub**

**End Class**

**MODULE**

**Imports Ingres.Client**

**Module Module1**

 **Public IngConn1 As String**

 **Dim ConnIngres As New IngresConnection**

 **Dim ComIngres As New IngresCommand**

 **Dim dr As New IngresDataAdapter**

 **Dim OutputTable As New DataTable**

 **'For Submit connection of SavingRecords "Submit records from the DB(Menu)"**

**#Region "Saving Records (Menu)"**

 **Public Function SavingRecords(ByVal table As DataTable) As String**

 **Dim Output As Boolean = False**

 **Dim ErrMessage As String = "Error on saving person."**

 **Dim OracleIntegIngresConn As New IngresConnection**

 **OracleIntegIngresConn.ConnectionString = IngConn1**

 **Dim OracleIntegIngresComm As New IngresCommand**

 **Dim OracleIntegIngresTrans\_JournalEntry As IngresTransaction = Nothing**

 **Dim OracleIntegIngresDReader As IngresDataReader**

 **Dim IngFields() As String = {}**

 **Try**

 **OracleIntegIngresConn.Open()**

 **ExecuteReadLockSession(OracleIntegIngresConn)**

 **OracleIntegIngresTrans\_JournalEntry = OracleIntegIngresConn.BeginTransaction**

 **OracleIntegIngresComm.Connection = OracleIntegIngresConn**

 **OracleIntegIngresComm.Transaction = OracleIntegIngresTrans\_JournalEntry**

 **For Each items In table.AsEnumerable()**

 **With OracleIntegIngresComm**

 **.Parameters.Clear()**

 **.CommandText = "sp\_menu\_ins"**

 **.CommandType = Data.CommandType.StoredProcedure**

 **End With**

 **IngFields = {"int|" & items.ItemArray(0).ToString.Trim,**

 **"var|" & items.ItemArray(1).ToString.Trim,**

 **"var|" & items.ItemArray(2).ToString.Trim}**

 **'"dte|" & items.ItemArray(4),**

 **SetParameters(OracleIntegIngresComm, IngFields)**

 **OracleIntegIngresDReader = OracleIntegIngresComm.ExecuteReader**

 **If Not OracleIntegIngresDReader.IsClosed Then OracleIntegIngresDReader.Close()**

 **Next**

 **OracleIntegIngresTrans\_JournalEntry.Commit()**

 **Output = True**

 **ErrMessage = "New Information has been saved."**

 **Catch ex As Exception**

 **If ErrMessage = "Error on saving Information." Then**

 **ErrMessage = "Error on saving Information." & ex.Message**

 **End If**

 **OracleIntegIngresTrans\_JournalEntry.Rollback()**

 **Finally**

 **OracleIntegIngresConn.Close()**

 **OracleIntegIngresConn.Dispose()**

 **OracleIntegIngresComm.Dispose()**

 **End Try**

 **Return Output & "|" & ErrMessage**

 **End Function**

 **Public Sub ExecuteReadLockSession(ByVal IngConn1 As IngresConnection)**

 **Dim IngresCm As New IngresCommand("set lockmode session where readlock=nolock", IngConn1)**

 **If IngConn1.State = ConnectionState.Open Then**

 **IngresCm.ExecuteNonQuery()**

 **End If**

 **IngresCm.Dispose()**

 **End Sub**

 **Public Function SetParameters(ByRef Input As IngresCommand, ByVal ParamArray IngFields() As String) As Boolean**

 **Dim Result As Boolean = True**

 **Try**

 **For i = 0 To UBound(IngFields)**

 **Dim StrDataType As String = IngFields(i).Split(CChar("|")).GetValue(0).ToString**

 **Dim StrValue As String = IngFields(i).Split(CChar("|")).GetValue(1).ToString**

 **Select Case StrDataType.ToUpper**

 **Case Is = "INT"**

 **Input.Parameters.Add("Parameter" & i, IngresType.Int).Value = CInt(StrValue)**

 **Case Is = "VAR"**

 **Input.Parameters.Add("Parameter" & i, IngresType.VarChar).Value = StrValue**

 **Case Is = "CHR"**

 **Input.Parameters.Add("Parameter" & i, IngresType.Char).Value = StrValue**

 **Case Is = "DTE"**

 **Input.Parameters.Add("Parameter" & i, IngresType.Date).Value = CDate(StrValue)**

 **Case Is = "MON"**

 **Input.Parameters.Add("Parameter" & i, IngresType.Double).Value = CDbl(StrValue)**

 **End Select**

 **Next**

 **Catch ex As Exception**

 **Result = False**

 **End Try**

 **Return Result**

 **End Function**

**#End Region**

 **'For Submit connection of SavingRecords2 "Submit records from the DB(Order)"**

**#Region "Saving Records (Order)"**

 **Public Function SavingRecords2(ByVal table As DataTable) As String**

 **Dim Output As Boolean = False**

 **Dim ErrMessage As String = "Error on saving person."**

 **Dim OracleIntegIngresConn As New IngresConnection**

 **OracleIntegIngresConn.ConnectionString = IngConn1**

 **Dim OracleIntegIngresComm As New IngresCommand**

 **Dim OracleIntegIngresTrans\_JournalEntry As IngresTransaction = Nothing**

 **Dim OracleIntegIngresDReader As IngresDataReader**

 **Dim IngFields() As String = {}**

 **Try**

 **OracleIntegIngresConn.Open()**

 **ExecuteReadLockSession(OracleIntegIngresConn)**

 **OracleIntegIngresTrans\_JournalEntry = OracleIntegIngresConn.BeginTransaction**

 **OracleIntegIngresComm.Connection = OracleIntegIngresConn**

 **OracleIntegIngresComm.Transaction = OracleIntegIngresTrans\_JournalEntry**

 **For Each items In table.AsEnumerable()**

 **With OracleIntegIngresComm**

 **.Parameters.Clear()**

 **.CommandText = "sp\_order\_ins1"**

 **.CommandType = Data.CommandType.StoredProcedure**

 **End With**

 **IngFields = {"int|" & items.ItemArray(0).ToString.Trim,**

 **"var|" & items.ItemArray(1).ToString.Trim,**

 **"var|" & items.ItemArray(2).ToString.Trim,**

 **"int|" & items.ItemArray(3).ToString.Trim,**

 **"var|" & items.ItemArray(4).ToString.Trim,**

 **"var|" & items.ItemArray(5).ToString.Trim,**

 **"var|" & items.ItemArray(6).ToString.Trim,**

 **"dte|" & items.ItemArray(7)}**

 **SetParameters(OracleIntegIngresComm, IngFields)**

 **OracleIntegIngresDReader = OracleIntegIngresComm.ExecuteReader**

 **If Not OracleIntegIngresDReader.IsClosed Then OracleIntegIngresDReader.Close()**

 **Next**

 **OracleIntegIngresTrans\_JournalEntry.Commit()**

 **Output = True**

 **ErrMessage = "New Information has been saved."**

 **Catch ex As Exception**

 **If ErrMessage = "Error on saving Information." Then**

 **ErrMessage = "Error on saving Information." & ex.Message**

 **End If**

 **OracleIntegIngresTrans\_JournalEntry.Rollback()**

 **Finally**

 **OracleIntegIngresConn.Close()**

 **OracleIntegIngresConn.Dispose()**

 **OracleIntegIngresComm.Dispose()**

 **End Try**

 **Return Output & "|" & ErrMessage**

 **End Function**

**#End Region**

**#Region "Delete function for Menu"**

 **Public Function IngDataTable\_menu(ByVal ProcedureName As String, ByVal ParamArray IngFields() As String) As DataTable**

 **Dim ConnIngres As New IngresConnection**

 **Dim ComIngres As New IngresCommand**

 **Dim dr As New IngresDataAdapter**

 **Dim OutputTable As New DataTable**

 **Try**

 **ConnIngres.ConnectionString = IngConn1**

 **ConnIngres.Open()**

 **ExecuteReadLockSession(ConnIngres)**

 **With ComIngres**

 **.Connection = ConnIngres**

 **.Parameters.Clear()**

 **.CommandText = "sp\_menu\_del1"**

 **.CommandType = Data.CommandType.StoredProcedure**

 **End With**

 **For i = 0 To UBound(IngFields)**

 **Dim StrDataType As String = IngFields(i).Split("|").GetValue(0)**

 **Dim StrValue As String = IngFields(i).Split("|").GetValue(1)**

 **Select Case StrDataType.ToUpper**

 **Case Is = "INT"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Int).Value = CInt(StrValue)**

 **Case Is = "VAR"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.VarChar).Value = StrValue**

 **Case Is = "CHR"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Char).Value = StrValue**

 **Case Is = "DTE"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Date).Value = CDate(StrValue)**

 **Case Is = "MON"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Double).Value = CDbl(StrValue)**

 **End Select**

 **Next**

 **dr.SelectCommand = ComIngres**

 **dr.Fill(OutputTable)**

 **Catch x As Exception**

 **Console.Write(x.Message.ToString)**

 **ComIngres.Dispose()**

 **Finally**

 **ConnIngres.Close()**

 **ConnIngres.Dispose()**

 **dr.Dispose()**

 **ComIngres.Dispose()**

 **End Try**

 **For x = 0 To OutputTable.Columns.Count - 1**

 **OutputTable.Columns(x).ColumnName = "result element" & x**

 **Next**

 **Return OutputTable**

 **End Function**

**#End Region**

**#Region "Generate Number Max"**

 **Public Function IngDataTableGenNum(ByVal ProcedureName As String, ByVal ParamArray IngFields() As String) As DataTable**

 **Dim ConnIngres As New IngresConnection**

 **Dim ComIngres As New IngresCommand**

 **Dim dr As New IngresDataAdapter**

 **Dim OutputTable As New DataTable**

 **Try**

 **ConnIngres.ConnectionString = IngConn1**

 **ConnIngres.Open()**

 **ExecuteReadLockSession(ConnIngres)**

 **With ComIngres**

 **.Connection = ConnIngres**

 **.Parameters.Clear()**

 **.CommandText = "sp\_menu\_sel1"**

 **.CommandType = Data.CommandType.StoredProcedure**

 **End With**

 **For i = 0 To UBound(IngFields)**

 **Dim StrDataType As String = IngFields(i).Split("|").GetValue(0)**

 **Dim StrValue As String = IngFields(i).Split("|").GetValue(1)**

 **Select Case StrDataType.ToUpper**

 **Case Is = "INT"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Int).Value = CInt(StrValue)**

 **Case Is = "VAR"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.VarChar).Value = StrValue**

 **Case Is = "CHR"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Char).Value = StrValue**

 **Case Is = "DTE"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Date).Value = CDate(StrValue)**

 **Case Is = "MON"**

 **ComIngres.Parameters.Add("Parameter" & i, IngresType.Double).Value = CDbl(StrValue)**

 **End Select**

 **Next**

 **dr.SelectCommand = ComIngres**

 **dr.Fill(OutputTable)**

 **Catch x As Exception**

 **Console.Write(x.Message.ToString)**

 **ComIngres.Dispose()**

 **Finally**

 **ConnIngres.Close()**

 **ConnIngres.Dispose()**

 **dr.Dispose()**

 **ComIngres.Dispose()**

 **End Try**

 **For x = 0 To OutputTable.Columns.Count - 1**

 **OutputTable.Columns(x).ColumnName = "result element" & x**

 **Next**

 **Return OutputTable**

 **End Function**

**#End Region**

**End Module**

